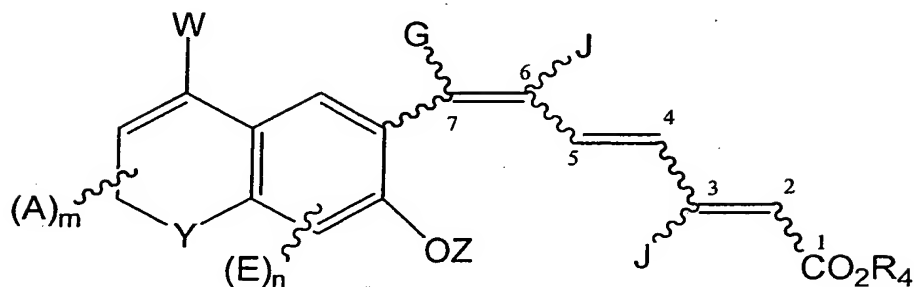


WHAT IS CLAIMED IS:

1. A compound of the formula



wherein **A** is independently an alkyl group of 1 to 6 carbons, halogen, or alkoxy of 1 to 6 carbons;

m is an integer having the values of 0 to 3;

W is H, alkyl of 1 to 8 carbons or phenyl;

E is independently an alkyl group of 1 to 6 carbons, halogen, or alkoxy of 1 to 6 carbons;

n is an integer having the values of 0 to 2;

Z is an alkyl group of 1 to 8 carbons;

G is H or an alkyl group of 1 to 8 carbons;

J is independently H, halogen, or alkyl of 1 to 6 carbons;

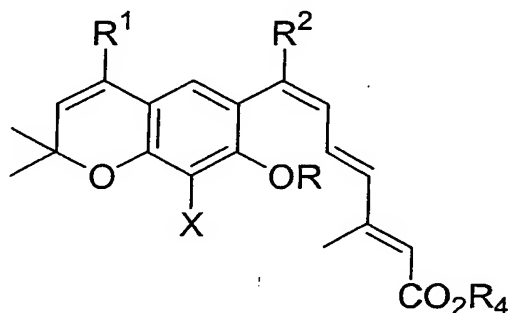
Y is O, or $[C(R_3)_2]_o$ where **R₃** independently is H or alkyl of 1 to 6 carbons and **o** is an integer having the value of zero (0) or one (1), and **R₄** is H, alkyl of 1 to 6 carbons, CH_2OR_5 or CH_2OCOR_5 where **R₅** is alkyl of 1 to 3 carbons, or a pharmaceutically acceptable salt of said compound.

2. A compound in accordance with Claim 1 where **Y** is O.

3. A compound in accordance with Claim 2 where **(A)_m** represents a geminal dimethyl group in the 2 position of the chromene nucleus.

4. A compound in accordance with Claim 1 where **Y** is $[C(R_3)_2]_o$.

5. A compound in accordance with Claim 4 where **Y** is $C(CH_3)_2$.
6. A compound in accordance with Claim 5 where **m** is zero (0).
7. A compound in accordance with Claim 1 where **n** is one (1) and **E** is Cl or Br.
8. A compound in accordance with Claim 1 where **W** is alkyl of 1 to 4 carbons.
9. A compound in accordance with Claim 8 where **W** is *iso*-propyl or *tertiary*-butyl.
10. A compound in accordance with Claim 1 where **Z** is alkyl of 1 to 4 carbons.
11. A compound in accordance with Claim 1 where **J** is independently F or alkyl of 1 to 2 carbons.
12. A compound of the formula



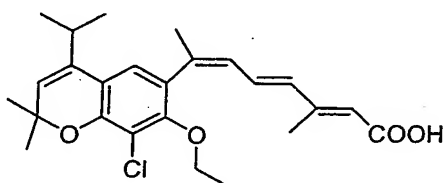
wherein **R** is alkyl of 1 to 8 carbons;

R¹ is alkyl of 1 to 8 carbons;

R² is alkyl of 1 to 8 carbons;

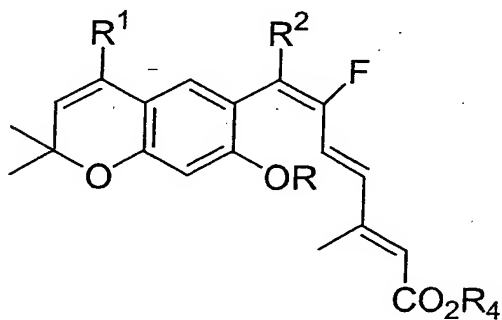
R₄ is H, alkyl of 1 to 6 carbons, CH_2OR_5 or CH_2OCOR_5 where **R**₅ is alkyl of 1 to 3 carbons, and

- X** is H or halogen, or a pharmaceutically acceptable salt of said compound.
13. A compound in accordance with Claim 12 wherein **R** is methyl or ethyl.
14. A compound in accordance with Claim 12 wherein **R**¹ is alkyl of 1 to 3 carbons.
15. A compound in accordance with Claim 12 wherein **R**² is methyl or ethyl.
16. A compound in accordance with Claim 12 wherein **X** is H or Cl.
17. A compound in accordance with Claim 12 wherein **R**₄ is H or a pharmaceutically acceptable salt.
18. A compound in accordance with Claim 12 wherein **R** is methyl or ethyl, **R**¹ is alkyl of 1 to 3 carbons, **R**² is methyl or ethyl, and **X** is H or Cl.
19. A compound in accordance with Claim 18 wherein **R**₄ is H or a pharmaceutically acceptable salt.
20. A compound in accordance with Claim 12 that has the formula



or a pharmaceutically acceptable salt of said compound.

21. A compound of the formula



wherein **R** is alkyl of 1 to 8 carbons;

R¹ is phenyl, or alkyl of 1 to 8 carbons;

R² is alkyl of 1 to 8 carbons, and

R₄ is H, alkyl of 1 to 6 carbons, CH₂OR₅ or CH₂OCOR₅ where **R**₅ is alkyl of 1 to 3 carbons, or a pharmaceutically acceptable salt of said compound.

22. A compound in accordance with Claim 21 wherein **R** is alkyl of 1 to 4 carbons.

23. A compound in accordance with Claim 21 wherein **R**¹ is alkyl of 1 to 4 carbons.

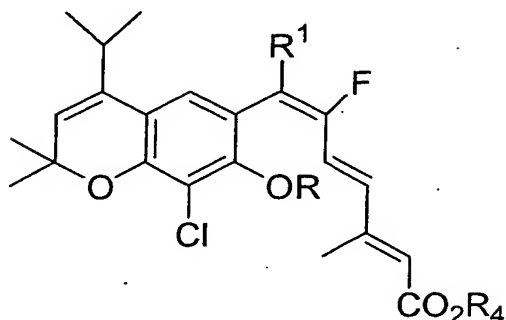
24. A compound in accordance with Claim 21 wherein **R**² is methyl or ethyl.

25. A compound in accordance with Claim 21 wherein **R**₄ is H or a pharmaceutically acceptable salt.

26. A compound in accordance with Claim 21 wherein **R** is alkyl of 1 to 4 carbons, **R**¹ is alkyl of 1 to 4 carbons, and **R**² is methyl or ethyl.

27. A compound in accordance with Claim 26 wherein **R**₄ is H or a pharmaceutically acceptable salt.

28. A compound of the formula



wherein **R** is alkyl of 1 to 8 carbons;

R¹ is alkyl of 1 to 8 carbons, and

R₄ is H, alkyl of 1 to 6 carbons, CH₂OR₅ or CH₂OCOR₅ where **R**₅ is alkyl of 1 to 3 carbons, or a pharmaceutically acceptable salt of said compound.

29. A compound in accordance with Claim 28 wherein **R** is alkyl of 1 to 3 carbons.

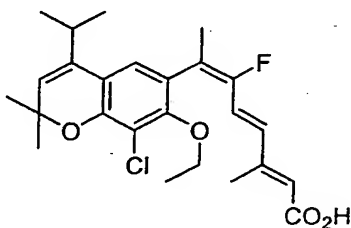
30. A compound in accordance with Claim 28 wherein **R**¹ is methyl or ethyl.

31. A compound in accordance with Claim 28 wherein **R**₄ is H or a pharmaceutically acceptable salt.

32. A compound in accordance with Claim 28 wherein **R** is alkyl of 1 to 3 carbons and **R**¹ is methyl or ethyl.

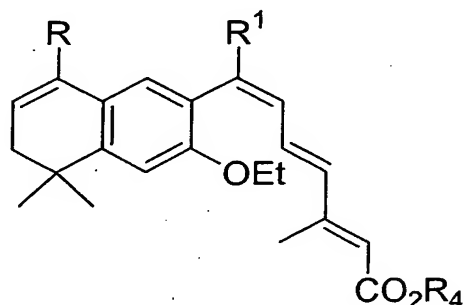
33. A compound in accordance with Claim 32 wherein **R**₄ is H or a pharmaceutically acceptable salt.

34. A compound in accordance with Claim 28 that has the formula



or a pharmaceutically acceptable salt of said compound.

35. A compound of the formula



wherein **R** is alkyl of 1 to 8 carbons;

R¹ is alkyl of 1 to 8 carbons, and

R₄ is H, alkyl of 1 to 6 carbons, CH₂OR₅ or CH₂OCOR₅ where **R**₅ is alkyl of 1 to 3 carbons, or a pharmaceutically acceptable salt of said compound.

36. A compound in accordance with Claim 35 wherein **R** is methyl or ethyl.

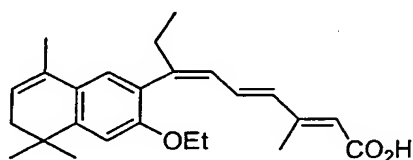
37. A compound in accordance with Claim 35 wherein **R**¹ is alkyl of 1 to 4 carbons.

38. A compound in accordance with Claim 35 wherein **R**₄ is H or a pharmaceutically acceptable salt.

39. A compound in accordance with Claim 35 wherein **R** is methyl or ethyl and **R**¹ is alkyl of 1 to 4 carbons.

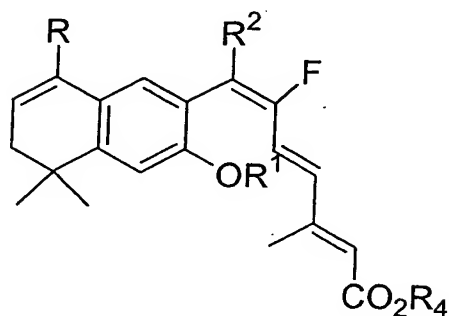
40. A compound in accordance with Claim 39 wherein **R**₄ is H or a pharmaceutically acceptable salt.

41. A compound in accordance with Claim 35 that has the formula



or a pharmaceutically acceptable salt of said compound.

42. A compound of the formula



wherein **R** is H, or alkyl of 1 to 8 carbons;

R¹ is alkyl of 1 to 8 carbons;

R² is alkyl of 1 to 8 carbons, and

R₄ is H, alkyl of 1 to 6 carbons, CH₂OR₅ or CH₂OCOR₅ where **R**₅ is alkyl of 1 to 3 carbons, or a pharmaceutically acceptable salt of said compound.

43. A compound in accordance with Claim 42 wherein **R** is alkyl of 1 to 4 carbons.

44. A compound in accordance with Claim 42 wherein **R**¹ is alkyl of 1 to 4 carbons.

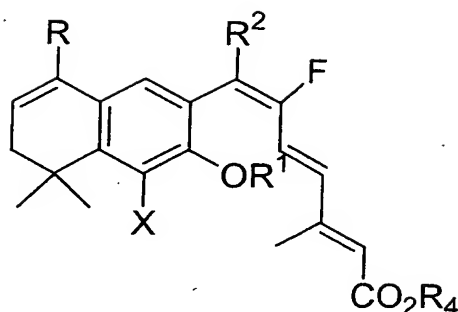
45. A compound in accordance with Claim 42 wherein **R**² is methyl or ethyl.

46. A compound in accordance with Claim 42 wherein **R**₄ is H or a pharmaceutically acceptable salt.

47. A compound in accordance with Claim 42 wherein **R** is alkyl of 1 to 4 carbons, **R**¹ is alkyl of 1 to 4 carbons and **R**² is methyl or ethyl.

48. A compound in accordance with Claim 47 wherein **R**₄ is H or a pharmaceutically acceptable salt.

49. A compound of the formula



wherein **R** represents alkyl of 1 to 8 carbons;

R¹ is alkyl of 1 to 8 carbons;

R² is alkyl of 1 to 8 carbons;

X is halogen, and

R₄ is H, alkyl of 1 to 6 carbons, CH₂OR₅ or CH₂OCOR₅ where **R**₅ is alkyl of 1 to 3 carbons, or a pharmaceutically acceptable salt of said compound.

50. A compound in accordance with Claim 49 wherein **R** is *iso*-propyl or *tertiary*-butyl.

51. A compound in accordance with Claim 49 wherein **R**¹ is alkyl of 1 to 4 carbons.

52. A compound in accordance with Claim 49 wherein **R**² is alkyl of 1 to 4 carbons.

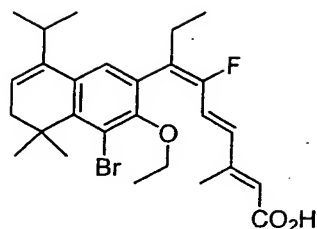
53. A compound in accordance with Claim 49 wherein **X** is Br or Cl.

54. A compound in accordance with Claim 49 wherein **R**₄ is H or a pharmaceutically acceptable salt.

55. A compound in accordance with Claim 49 wherein **R** is *iso*-propyl or *tertiary*-butyl, **R**¹ is alkyl of 1 to 4 carbons, **R**² is alkyl of 1 to 4 carbons and **X** is Br or Cl.

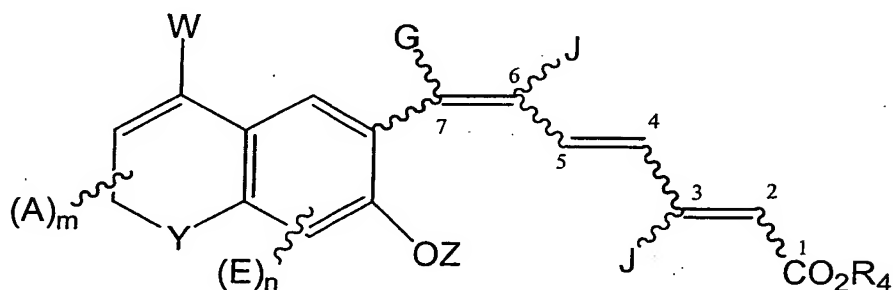
56. A compound in accordance with Claim 55 wherein **R**₄ is H or a pharmaceutically acceptable salt.

57. A compound in accordance with Claim 49 that has the formula



or a pharmaceutically acceptable salt of said compound.

58. A process for administering to a diabetic mammal to reduce the serum glucose level of said mammal a compound of the formula



wherein A is independently an alkyl group of 1 to 6 carbons, halogen, or alkoxy of 1 to 6 carbons;

m is an integer having the values of 0 to 3;

W is H, alkyl of 1 to 8 carbons or phenyl;

E is independently an alkyl group of 1 to 6 carbons, halogen, or alkoxy of 1 to 6 carbons;

n is an integer having the values of 0 to 2;

Z is an alkyl group of 1 to 8 carbons;

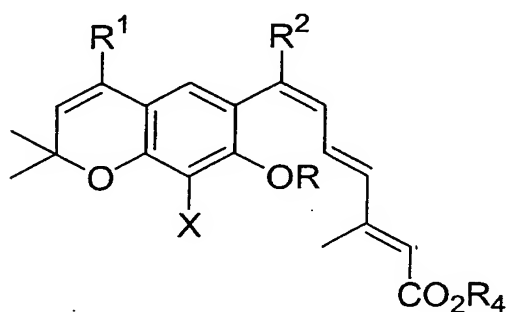
G is H or an alkyl group of 1 to 8 carbons;

J is independently H, halogen, or alkyl of 1 to 6 carbons;

Y is O, or $[C(R_3)_2]_o$, where R_3 independently is H or alkyl of 1 to 6 carbons and o is an integer having the value of zero (0) or one (1), and

R_4 is H, alkyl of 1 to 6 carbons, CH_2OR_5 or CH_2OCOR_5 where R_5 is alkyl of 1 to 3 carbons, or a pharmaceutically acceptable salt of said compound.

59. A process in accordance with Claim 58 where the compound used in the process is in accordance with the formula



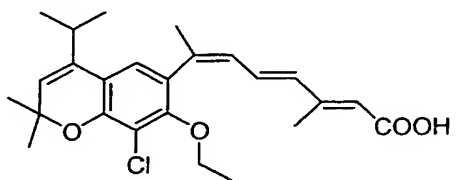
wherein R is alkyl of 1 to 8 carbons;

R^1 is alkyl of 1 to 8 carbons;

R^2 is alkyl of 1 to 8 carbons, and

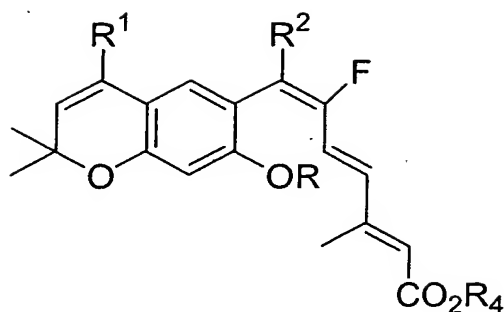
X is H or halogen, or a pharmaceutically acceptable salt of said compound.

60. A process in accordance with Claim 59 where the compound used in the process has the formula



or a pharmaceutically acceptable salt of said compound.

61. A process in accordance with Claim 58 where the compound used in the process is in accordance with the formula

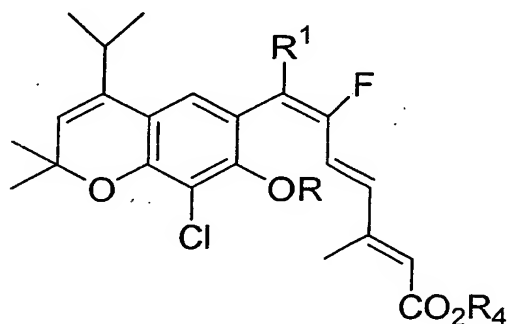


wherein **R** is alkyl of 1 to 8 carbons;

R¹ is phenyl, or alkyl of 1 to 8 carbons, and

R² is alkyl of 1 to 8 carbons or a pharmaceutically acceptable salt of said compound.

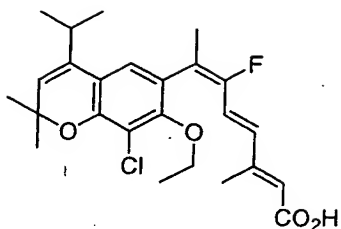
62. A process in accordance with Claim 58 where the compound used in the process is in accordance with the formula



wherein **R** is alkyl of 1 to 8 carbons, and

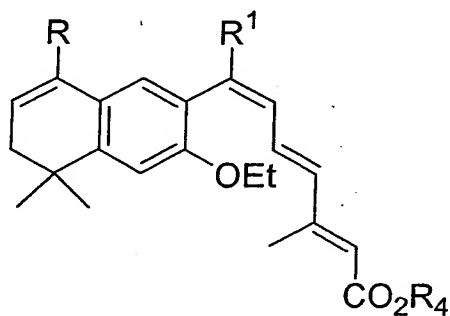
R¹ is alkyl of 1 to 8 carbons or a pharmaceutically acceptable salt of said compound.

63. A process in accordance with Claim 59 where the compound used in the process has the formula



or a pharmaceutically acceptable salt of said compound.

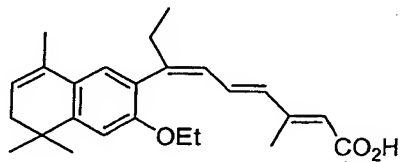
64. A process in accordance with Claim 58 where the compound used in the process is in accordance with the formula



wherein **R** is alkyl of 1 to 8 carbons, and

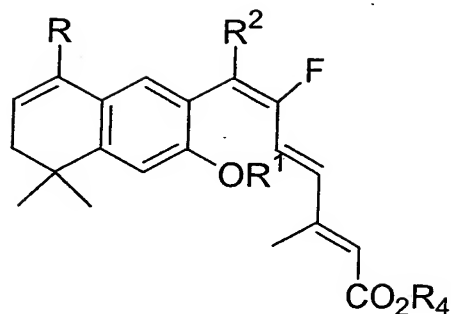
R¹ is alkyl of 1 to 8 carbons, or a pharmaceutically acceptable salt of said compound.

65. A process in accordance with Claim 64 where the compound used in the process has the formula



or a pharmaceutically acceptable salt of said compound.

66. A process in accordance with Claim 58 where the compound used in the process is in accordance with the formula

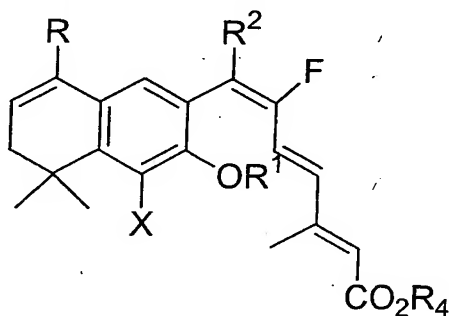


wherein **R** is H, or alkyl of 1 to 8 carbons;

R¹ is alkyl of 1 to 8 carbons, and

R² is alkyl of 1 to 8 carbons or a pharmaceutically acceptable salt of said compound.

67. A process in accordance with Claim 58 where the compound used in the process is in accordance with the formula



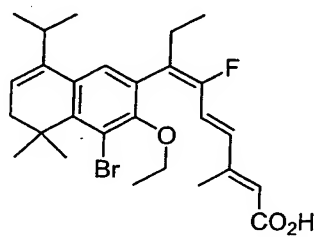
wherein **R** represents alkyl of 1 to 8 carbons;

R¹ is alkyl of 1 to 8 carbons;

R² is alkyl of 1 to 8 carbons, and

X is halogen or a pharmaceutically acceptable salt of said compound.

68. A process in accordance with Claim 67 where the compound used in the process has the formula



or a pharmaceutically acceptable salt of said compound.